

Message Text

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ORIGIN FAA-00

INFO OCT-01 NEA-10 ISO-00 CAB-02 CIAE-00 COME-00 DODE-00

DOT-00 EB-07 INR-07 NSAE-00 CIEP-01 /028 R

DRAFTED BY FAA/AIA-220:WCMILLAN:PMA

APPROVED BY EB/OA:RABROWN (ACTING)

EB/AVP:JKGORDON

FAA/AIA-1:COCCARY

OSD/ISA/NESA:COL THOMAN (INFO)

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R 192223Z AUG 76

FM SECSTATE WASHDC

TO AMEMBASSY TEHRAN

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E.O. 11652: N/A

TAGS: EAIR, IR

SUBJECT: FAA REPORT

REF: TEHRAN 8004

1. SUBJECT FAA STUDY REPORT RECOMMENDED SYSTEMS AND EQUIPMENT THAT ARE OF TRIED AND PROVEN DESIGN. IBEX AND PEACE LOG ARE NOT CIVIL AIRSPACE SYSTEMS. ALL SYSTEMS DISCUSSED IN FAA STUDY ARE CURRENTLY IN USE IN THE FAA ATC SYSTEM. THE PRIME CONSIDERATION OF ALL FAA SYSTEMS IS THEIR INTEGRITY AND RELIABILITY. FROM A SYSTEMS ENGINEERING STANDPOINT, THIS FACT IS SUPPORTED BY AN ANNUAL FAA REPORT ENTITLED QUOTE AIR NAVIGATION AND AIR TRAFFIC CONTROL FACILITY PERFORMANCE AND AVAILABILITY (RIS SM 6040-20) UNQUOTE. LATEST REPORT IS CY 1975, PREPARED 2/4/76. REPORT AND FAA HANDBOOK ORDER 6040.5A HAVE BEEN AIRPOUCHED ATTN CIVAIR OFFICER. HANDBOOK ORDER PROVIDES NECESSARY BACKGROUND, INCLUDING ACRONYM DEFINITION, FOR REPORT. TYPICAL DATA
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THEREIN SHOWS THE AVERAGE PERFORMANCE OF ALL 95 ARSR

FACILITIES HAD AVILABILITY PERCENTAGE OF 99.27; 19 ARTCC/
NAS SYSTEMS CDAT, CFAD, CRAD AT 99.63, 99.92 AND 99.27
PERCENT RESPECTIVELY; 62 ARTS AT 99.45; 157 ASR AT 99.77;
504 ILS LOCALIZERS AT 98.93; 909 VOR AT 99.71, ETC. ALL
FAA SYSTEMS ARE ITEMIZED IN THE REPORT WITH STATISTICAL
REPORTING BREAKDOWN FOR OUTAGE OF FAILURE CAUSES. IT IS
READILY APPARENT THAT SYSTEM AVAILABILITY, AND HENCE
RELIABILITY, IN THE U.S. SYSTEM IS EXTREMELY HIGH.

2. TO DATE, FAA ACTIVITY ON THIS PROJECT HAS BEEN COORDI-
NATED WITH DR. ARBABI AND HIS CAO STAFF MEMBERS. CON-
SEQUENTLY, AND IN VIEW OF DR. ARBABI'S PLANNED VISIT TO
U.S. IN NEAR FUTURE TO DISCUSS IRANIAN ATC SYSTEM IMPROVE-
MENT, FAA BELIEVES IT WOULD BE INAPPROPRIATE AT THIS TIME
TO CONSIDER ANY TRIP TO IRAN TO DISCUSS THIS SUBJECT WITH
GENERAL TOUFANIAN.

3. IF GENERAL TOUFANIAN SO DESIRES, FAA WOULD BE VERY
PLEASED TO ARRANGE A TOUR OF FAA FACILITIES DURING ANY
VISIT TO THE U.S. THUS, A FIRST HAND LOOK AT THE
OPERATIONAL FAA SYSTEM SHOULD DISPEL ANY APPREHENSION RE-
GARDING ALL ASPECTS OF FAA ATC EQUIPMENT IN USE AND
SYSTEM PERFORMANCE. ROBINSON

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Margaret P. Grafeld
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